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"PATENT"

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
Stanley James Cartwright
U. S. Serial No. 10/666356
Filed: September 19, 2003
LONG LIFE LUBRICATING OIL
COMPOSITION WITH VERY LOW
PHOSPHORUS CONTENT

) Before the Examiner
) Matthew Thexton
)
) Confirmation Number: 8184
) Group Art Unit: 1714
)
) Family Number: P2002J093 US2

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

AMENDMENT

The specification and claims have been amended to overcome various
objections and rejections. All amendments follow the discussion in the interview
on March 22, 2006 during which agreement was reached that these amendments
will overcome the objections and rejection in the outstanding office action. The
amendments are discussed in further detail below. No new matter has been added.

Specification

The outstanding office action contains a number of objections to informalities.
Next to the first TBN, applicant has detailed the widely used abbreviation as Total

CERTIFICATION OF FACSIMILE TRANSMISSION		
I hereby certify that this paper is being facsimile transmitted to the Commissioner for Patents facsimile number 1-571-273-8300 on the date shown below.		
<u>Susan Fleming</u>	<u>Susan Fleming</u>	<u>March 24 2006</u>
Print name of person signing certification	Signature	Date



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PATENT TRADEMARK OFFICE

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Base Number. TBN is a measure of alkalinity that applies to individual additive components such as metallic detergents, or to the finished lubricating oil. TBN is required in a finished lubricant in order to chemically neutralize acidic species that either contaminate the oil or are generated in situ as the oil degrades. Since Total
5 base number is well know in the art and is used commonly it is not new matter.

NGEO has been amended to Natural Gas Engine Oil which is also a term and abbreviation that is well known in the art.

10 VI has been amended to Viscosity Index another term that is well known in the art.

API has been amended to American Petroleum Institute which is an institute that establishes recognized standards in the industry and thus is well known in the
15 art. An API standard is widely recognized to be the generic terminology in this art.

Claims Objection

Claims 3 and 8 have been amended to correct the spelling of phosphorous.
20 Since this is an obvious typo, no new matter has been added.

Claims Rejection 35 USC 112

Agreement was reached regarding the sulfated ash rejection. In the
25 specification, the ASTM standard for determining supplanted ash was disclosed and this standard is well known in the art.

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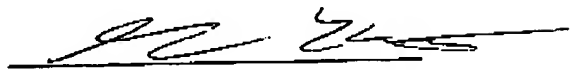
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Claims Rejection 35 USC 103

Applicant is amending the claims to have a range of zinc
dialkyldithiocarbamated from about 0.06 vol% to 01.15 vol%. Also phenolic
5 antioxidants were amended to have a range of 0.5 vol% to about 1.9 vol%. It was
agreed this amendment overcomes the obviousness rejection. Support for this
amendment is found in Table 1 and paragraph 26.

Respectfully submitted,

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☒ Pursuant to 37 CFR 1.34(a)

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GPK:sbf
March 24, 2006